

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: SHIGETOSHI ABE ET AL-2
FOR: MANUFACTURING METHOD FOR A PRINTED WIRING BOARD

INFORMATION DISCLOSURE STATEMENT

BOX PATENT APPLICATION
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

#2
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C. H. H. H.
5-2300

Sir:

Applicants wish to bring to the attention of the Patent Examiner the reference listed on the enclosed Form PTO-1449 and attached thereto. This reference was cited by the Japanese Patent Office. Since the instant Information Disclosure Statement is being filed concurrently with the application, no official fee is required in connection with the same. However, if a fee should be required for this IDS, the Commissioner of Patents and Trademarks is hereby authorized to charge any required fee, or to credit any overpayment to Deposit Account No. 03-2468. It is respectfully requested that the foregoing Information Disclosure Statement (IDS) be incorporated into the official file of the concurrently-filed patent application.

Respectfully submitted,
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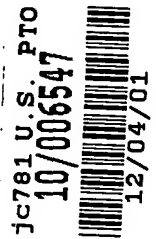
Enclosures: Form PTO-1449, one (1) reference

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Date of Deposit: December 4, 2001

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Lisa L. Vulpis
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FORM PTO-1449
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ATTY. DOCKET NO. :

ABE ET AL-2

SERIAL NO.

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT : SHIGETOSHI ABE ET AL

FILING DATE:

GROUP:

Jc781 U.S. PTO
10/006547

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	9-148698	06/1997	Japan (enclosed)				
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.